

PATENT ABSTRACTS OF JAPAN

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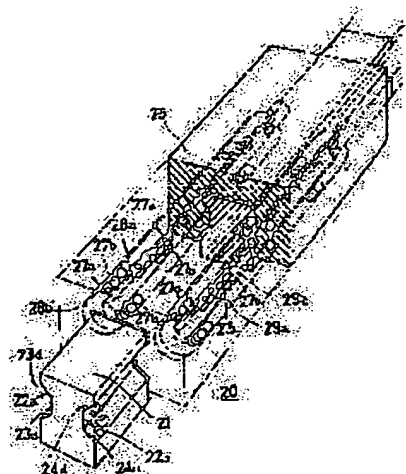
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(54) DIRET OPERATED GUIDE BEARING

(57) Abstract:

PURPOSE: To suppress skew and fine vibration by arranging plural rows of roller members in the same raceway track.

CONSTITUTION: Rails 28a and 28b and rails 29a and 29b on which two rows of rollers 27a and 27b are allowed to circulate infinitely are formed in the bearing recessed part of a bearing body 25, and a shaft 21 and the bearing body 25 perform a rectilinear movement. Two rows of rollers 27a and 27b are arranged in deflection by the radius of the rollers 27a and 27b in each row on the rails 28a and 28b and the rails 29a and 29b, and are freely shiftable independently. Accordingly, the generation of skew can be suppressed, and the passing interval in the case where the roller member goes into/out from the load region is narrowed, and the fine vibration can be softened.



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